

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2002200420  
PUBLICATION DATE : 16-07-02

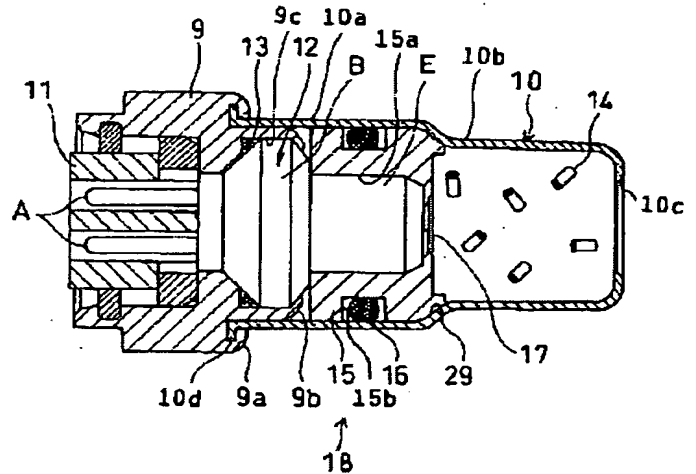
APPLICATION DATE : 12-01-01  
APPLICATION NUMBER : 2001004488

APPLICANT : NIPPON KAYAKU CO LTD;

INVENTOR : IKEDA KENJIRO;

INT.CL. : B01J 7/00 B60R 22/46 C06B 29/02  
C06B 29/22 C06B 31/02 C06B 31/28  
C06B 43/00

TITLE : GAS GENERATOR



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a gas generator which is hardly affected by moisture content of the air outside by using a gas generating agent having lowered moisture absorbing property, the operation time of which is not delayed by shortening the ignition time of an ignition tool and which can exhibit satisfactory performance when used in a seat belt pretensioner or the like.

**SOLUTION:** This gas generator 18 is provided with the first cup 10 where the gas generating agent 14 generating gas by combustion is packed, the second cup E which is disposed inside the cup 10 for housing an igniter and a holder 9 for holding the cup 10 and holding a clogging plug B of the cup E or the cup E. A separator 15 is disposed to cover the cup E for locking the agent 14 in the cup 10 and blocking up the agent 14 from the cup E. A sealing member such as an O-ring 16 is arranged on a route where moisture or the like enters from the outside of the generator 18.

COPYRIGHT: (C)2002,JPO